

## EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
|-------|------|--------------|-----|------------------|---------|------------|

## EAST Search History

|                     |     |  |  |    |    |                  |
|---------------------|-----|--|--|----|----|------------------|
| L1                  | 156 | (US-20070091564-\$ or<br>US-20070086168-\$ or<br>US-20060202325-\$ or<br>US-20050079132-\$ or<br>US-20070084940-\$ or<br>US-20060198150-\$ or<br>US-20060175630-\$ or<br>US-20040209149-\$ or<br>US-20040120096-\$ or<br>US-20060171127-\$ or<br>US-20040262852-\$ or<br>US-20040223304-\$ or<br>US-20040212080-\$ or<br>US-20030222743-\$ or<br>US-20040108931-\$ or<br>US-20040089941-\$ or<br>US-20040087043-\$ or<br>US-20040004816-\$ or<br>US-20020135061-\$ or<br>US-20020075650-\$ or<br>US-20030127714-\$ or<br>US-20030114022-\$ or<br>US-20030063438-\$ or<br>US-20020145195-\$ or<br>US-20020004262-\$ or<br>US-20010014029-\$).did. or<br>(US-7106592-\$ or US-7219721-\$ or<br>US-6936919-\$ or US-6930142-\$ or<br>US-7128454-\$ or US-7099155-\$ or<br>US-7075112-\$ or US-7009483-\$ or<br>US-6656770-\$ or US-6981542-\$ or<br>US-6849941-\$ or US-6759735-\$ or<br>US-6726375-\$ or US-6611056-\$ or<br>US-6600661-\$ or US-6686658-\$ or<br>US-6646344-\$ or US-6630734-\$ or<br>US-6414867-\$ or US-6396712-\$ or<br>US-6377458-\$ or US-6580610-\$ or<br>US-6548895-\$ or US-6507492-\$ or<br>US-6303987-\$ or US-6297549-\$).<br>did. or (US-6373129-\$ or<br>US-6349032-\$ or US-6230501-\$ or<br>US-6295820-\$ or US-6243875-\$ or<br>US-6233960-\$ or US-6081039-\$ or<br>US-6078359-\$ or US-6020597-\$ or<br>US-6141219-\$ or US-6125036-\$ or<br>US-6122926-\$ or US-6097744-\$ or<br>US-5959363-\$ or US-5940271-\$ or<br>US-5184211-\$ or US-6001672-\$ or<br>US-5993585-\$ or US-5870526-\$ or<br>US-5844311-\$ or US-5985092-\$ or<br>US-5969415-\$ or US-5920120-\$ or<br>US-5751062-\$ or US-5685363-\$ or<br>US-5918469-\$ or US-5886408-\$).<br>did. or (US-5838064-\$ or<br>US-5654546-\$ or US-5621243-\$ or<br>US-5798566-\$ or US-5793275-\$ or | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2007/08/03 16:24 |
| 8/3/2007 5:15:08 PM |     | US-5785799-\$ or US-5471366-\$ or<br>C:\Documents and Settings\WILEY\My Documents\EAST Workspaces\10563054_2.wsp<br>US-5455457-\$ or US-5436501-\$ or<br>11S-5659212-\$ or 11S-5500556-\$ or   |  |    |    | Page 2           |

## EAST Search History

|    |     |  |  |    |    |                  |
|----|-----|--|--|----|----|------------------|
| L2 | 18  | (US-20040008459-\$).did. or<br>(US-6656770-\$ or US-6020597-\$ or<br>US-5844311-\$ or US-5920120-\$ or<br>US-5886408-\$ or US-4985805-\$ or<br>US-6281573-\$ or US-5977568-\$ or<br>US-6147400-\$ or US-5912803-\$ or<br>US-5587882-\$ or US-5523586-\$ or<br>US-5268814-\$ or US-5155661-\$ or<br>US-4609937-\$).did. or<br>(US-3443168-\$ or US-3551758-\$).<br>did. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/08/03 16:24 |
| L3 | 157 | L1 L2  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/08/03 16:24 |
| L4 | 1   | L3 and (soft near3 motor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 16:25 |
| L5 | 27  | L3 and (motor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 16:35 |
| L6 | 79  | L3 and (parallel)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 16:37 |
| L7 | 8   | L3 and ((parallel) same back)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 16:46 |
| L8 | 7   | L3 and ((parallel) same thyristor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 16:46 |

## EAST Search History

|    |         |  |  |    |     |                  |
|----|---------|--|--|----|-----|------------------|
| L9 | 89      | L3 and ((parallel) thyristor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/03 16:46 |
| S1 | 2730112 | cool\$3 (heat near (sink radiat\$3 spread\$3 exchang\$3))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/31 15:57 |
| S2 | 2938420 | elastin elastomer\$2 rubber resilien\$2 elastic\$4                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/31 15:59 |
| S3 | 301176  | encapsulat\$3 encapsulant  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/31 16:00 |
| S4 | 679748  | S2 same (annular\$2 ring o-ring (o near ring) donut circle circular loop\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/31 16:01 |
| S5 | 86642   | S4 and S1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/07/31 17:42 |
| S6 | 7459    | (257/712,713,717,718,719,726, 727).CCLS.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/31 16:05 |

## EAST Search History

|     |      |                       |  |    |    |                  |
|-----|------|-----------------------|--|----|----|------------------|
| S7  | 248  | S6 and S5             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/31 16:38 |
| S8  | 59   | S7 and S3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/31 16:38 |
| S9  | 4212 | S5 and S3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/31 17:42 |
| S10 | 352  | S9 and "257"/\$:ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/31 17:43 |
| S11 | 293  | S10 not (S7 S8)\      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/31 17:43 |
| S12 | 293  | S10 not (S7 S8)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/31 17:43 |

## EAST Search History

|  |     |   |  |    |    |                  |
|--|-----|---|--|----|----|------------------|
| S13  | 156 | (US-20060202325-\$ or<br>US-20030127714-\$ or<br>US-20040212080-\$ or<br>US-20060175630-\$ or<br>US-20040089941-\$ or<br>US-20040120096-\$ or<br>US-20070086168-\$ or<br>US-20060171127-\$ or<br>US-20050079132-\$ or<br>US-20040087043-\$ or<br>US-20030222743-\$ or<br>US-20020145195-\$ or<br>US-20020135061-\$ or<br>US-20020004262-\$ or<br>US-20030063438-\$ or<br>US-20020075650-\$ or<br>US-20070091564-\$ or<br>US-20070084940-\$ or<br>US-20060198150-\$ or<br>US-20040223304-\$ or<br>US-20040108931-\$ or<br>US-20040004816-\$ or<br>US-20010014029-\$ or<br>US-20030114022-\$ or<br>US-20040262852-\$ or<br>US-20040209149-\$).did. or<br>(US-6349032-\$ or US-7106592-\$ or<br>US-6936919-\$ or US-6600661-\$ or<br>US-6548895-\$ or US-6297549-\$ or<br>US-5489802-\$ or US-5227663-\$ or<br>US-4985805-\$ or US-3626252-\$ or<br>US-5844311-\$ or US-5455457-\$ or<br>US-3746947-\$ or US-5920120-\$ or<br>US-6078359-\$ or US-5500556-\$ or<br>US-4642671-\$ or US-5940271-\$ or<br>US-5886408-\$ or US-5838064-\$ or<br>US-5751062-\$ or US-5621243-\$ or<br>US-5014777-\$ or US-6656770-\$ or<br>US-5345107-\$ or US-5184211-\$).<br>did. or (US-5175613-\$ or<br>US-5089936-\$ or US-4878108-\$ or<br>US-4644385-\$ or US-4612978-\$ or<br>US-4531146-\$ or US-6686658-\$ or<br>US-5798566-\$ or US-3688159-\$ or<br>US-4866503-\$ or US-4853762-\$ or<br>US-7128454-\$ or US-7075112-\$ or<br>US-6726375-\$ or US-6646344-\$ or<br>US-6630734-\$ or US-6611056-\$ or<br>US-6396712-\$ or US-6141219-\$ or<br>US-5993585-\$ or US-5344296-\$ or<br>US-5304512-\$ or US-4538171-\$ or<br>US-6233960-\$ or US-6125036-\$ or<br>US-6122926-\$ or US-4607275-\$).<br>did. or (US-5659212-\$ or<br>US-6020597-\$ or US-6001672-\$ or<br>US-5969415-\$ or US-5959363-\$ or<br>US-5785799-\$ or US-5471366-\$ or<br>US-5422514-\$ or US-5378924-\$ or<br>US-5182632-\$ or US-5001548-\$ or | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2007/07/31 21:20 |
| 8/3/2007 5:15:08 PM  |     |   |  |    |    | Page 6           |
| C:\Documents and Settings\lisa\My Documents\EAST\Workspaces\10563054_2.wsp |     |   |  |    |    |                  |

## EAST Search History

|     |   |               |  |    |    |                  |
|-----|---|---------------|--|----|----|------------------|
| S14 | 2 | "6750551".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/02 18:08 |
|-----|---|---------------|--|----|----|------------------|

## EAST Search History

|   |     |   |  |    |    |                  |
|---|-----|---|--|----|----|------------------|
| S15   | 156 | (US-20070091564-\$ or<br>US-20070086168-\$ or<br>US-20060202325-\$ or<br>US-20050079132-\$ or<br>US-20070084940-\$ or<br>US-20060198150-\$ or<br>US-20060175630-\$ or<br>US-20040209149-\$ or<br>US-20040120096-\$ or<br>US-20060171127-\$ or<br>US-20040262852-\$ or<br>US-20040223304-\$ or<br>US-20040212080-\$ or<br>US-20030222743-\$ or<br>US-20040108931-\$ or<br>US-20040089941-\$ or<br>US-20040087043-\$ or<br>US-20040004816-\$ or<br>US-20020135061-\$ or<br>US-20020075650-\$ or<br>US-20030127714-\$ or<br>US-20030114022-\$ or<br>US-20030063438-\$ or<br>US-20020145195-\$ or<br>US-20020004262-\$ or<br>US-20010014029-\$).did. or<br>(US-7106592-\$ or US-7219721-\$ or<br>US-6936919-\$ or US-6930142-\$ or<br>US-7128454-\$ or US-7099155-\$ or<br>US-7075112-\$ or US-7009483-\$ or<br>US-6656770-\$ or US-6981542-\$ or<br>US-6849941-\$ or US-6759735-\$ or<br>US-6726375-\$ or US-6611056-\$ or<br>US-6600661-\$ or US-6686658-\$ or<br>US-6646344-\$ or US-6630734-\$ or<br>US-6414867-\$ or US-6396712-\$ or<br>US-6377458-\$ or US-6580610-\$ or<br>US-6548895-\$ or US-6507492-\$ or<br>US-6303987-\$ or US-6297549-\$).<br>did. or (US-6373129-\$ or<br>US-6349032-\$ or US-6230501-\$ or<br>US-6295820-\$ or US-6243875-\$ or<br>US-6233960-\$ or US-6081039-\$ or<br>US-6078359-\$ or US-6020597-\$ or<br>US-6141219-\$ or US-6125036-\$ or<br>US-6122926-\$ or US-6097744-\$ or<br>US-5959363-\$ or US-5940271-\$ or<br>US-5184211-\$ or US-6001672-\$ or<br>US-5993585-\$ or US-5870526-\$ or<br>US-5844311-\$ or US-5985092-\$ or<br>US-5969415-\$ or US-5920120-\$ or<br>US-5751062-\$ or US-5685363-\$ or<br>US-5918469-\$ or US-5886408-\$).<br>did. or (US-5838064-\$ or<br>US-5654546-\$ or US-5621243-\$ or<br>US-5798566-\$ or US-5793275-\$ or<br>US-5785799-\$ or US-5471366-\$ or<br>US-5455457-\$ or US-5436501-\$ or<br>11C-5659212-\$ or 11C-5500556-\$ or | US-PGPUB;<br>USPAT;<br>USOCR;<br>JPO;<br>DERWENT | OR | ON | 2007/08/03 12:53 |
| 8/3/2007 5:15:08 PM   |     |   |  |    |    | Page 8           |
| C:\Documents and Settings\11C\My Documents\EAST\Workspaces\10563054_2.wsp |     |   |  |    |    |                  |

## EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| S16 | 18  | (US-20040008459-\$).did. or<br>(US-6656770-\$ or US-6020597-\$ or<br>US-5844311-\$ or US-5920120-\$ or<br>US-5886408-\$ or US-4985805-\$ or<br>US-6281573-\$ or US-5977568-\$ or<br>US-6147400-\$ or US-5912803-\$ or<br>US-5587882-\$ or US-5523586-\$ or<br>US-5268814-\$ or US-5155661-\$ or<br>US-4609937-\$).did. or<br>(US-3443168-\$ or US-3551758-\$).<br>did. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/08/03 12:55 |
| S17 | 157 | S15 S16  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/08/03 12:55 |
| S18 | 79  | S17 and parallel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 13:28 |
| S19 | 89  | S17 and (parallel thyristor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 14:41 |
| S20 | 5   | S17 and (parallel with back)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/03 16:24 |